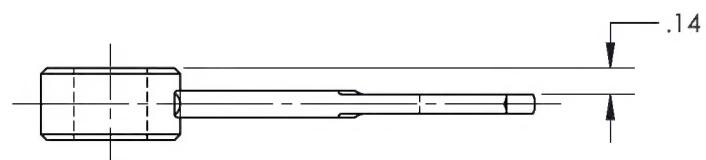
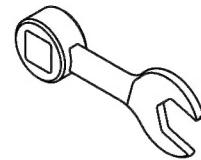
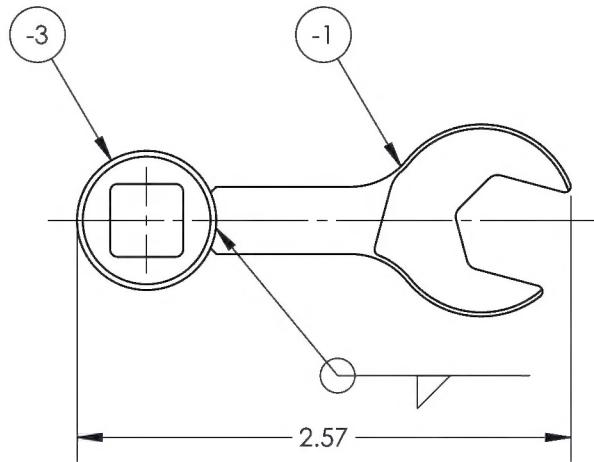


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	12/30/2015	DPD	JAG



NOTE:  
REF. PRATT & WHITNEY T/N: PWC30114-5.

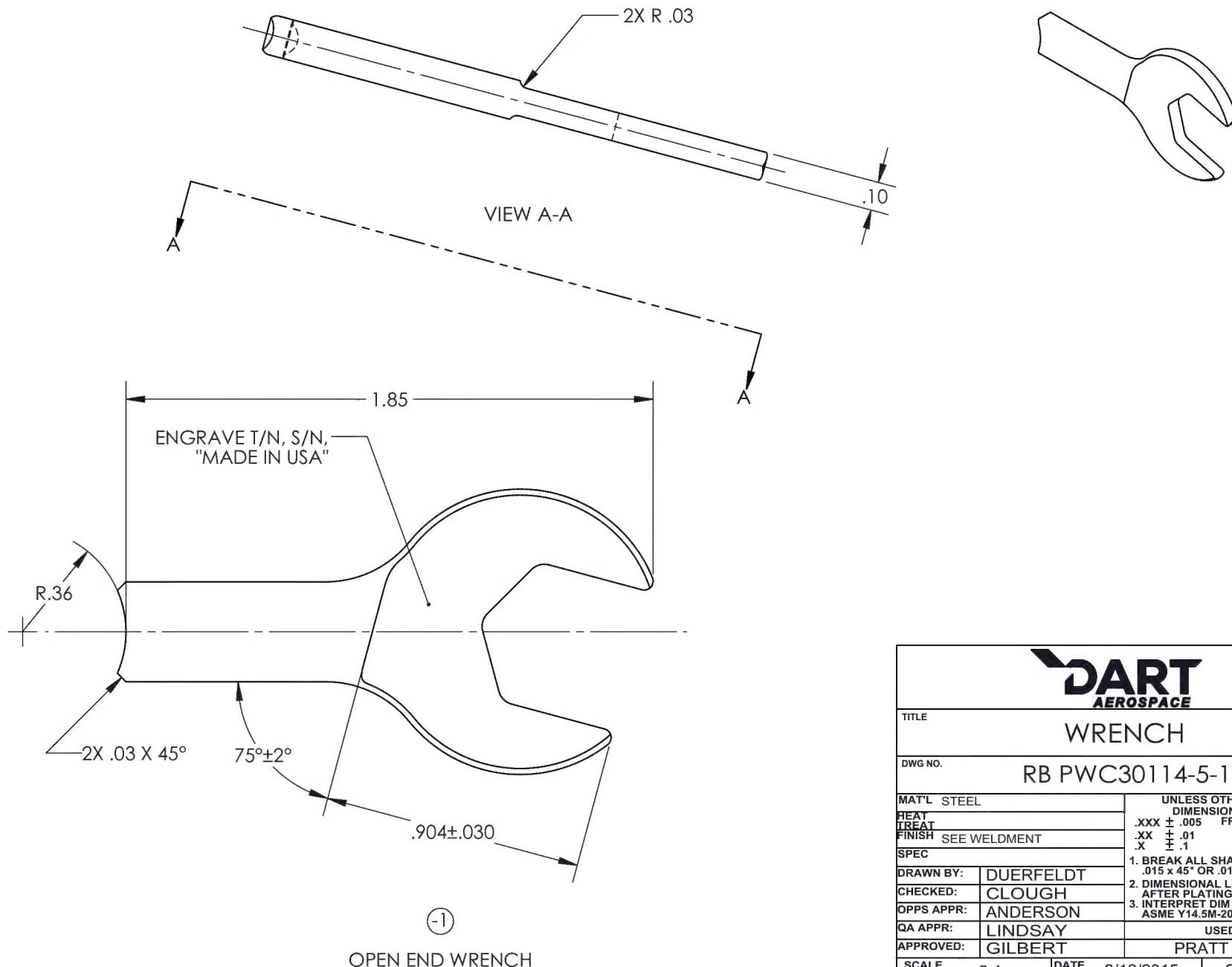
**DART**  
AEROSPACE

TITLE		REV	
WRENCH		1	
DWG NO.		RB PWC30114-5	
MATERIAL		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT		.XXX ± .010 FRACTIONS ± 1/8	
TREAT		.XX ± .03 ANGLES ± 1°	
FINISH		X ± .1 SURFACES = 125	
SPEC		✓	
DRAWN BY:		DUERFELDT	
CHECKED:		CLOUGH	
OPPS APPR:		ANDERSON	
QA APPR:		LINDSAY	
USED ON MODEL			
APPROVED:		GILBERT	
PRATT & WHITNEY			
SCALE	1:1	DATE	2/16/2015
SHEET 1 OF 3			

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
		-1	1	OPEN END WRENCH		STEEL	1/2 SIZE X 4, 15° (MCMASTER-CARR #5403A12) MODIFIED	2
		-3	1	SQUARE DRIVE		1018/1020		3

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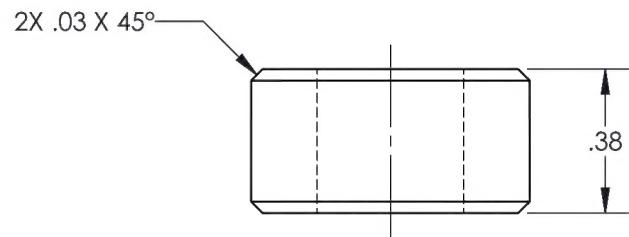
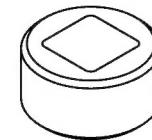
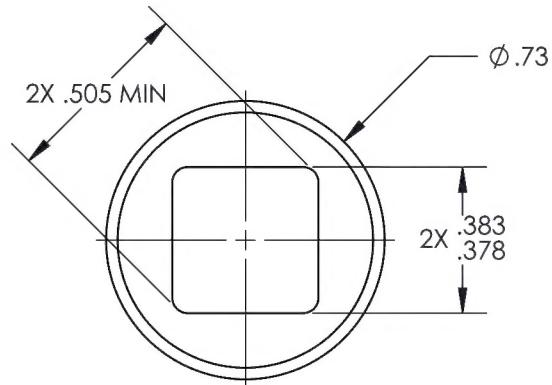
REV	ECR	REVISIONS		
		DESCRIPTION	DATE	INITIAL
				APPROVED



<b>DART</b> AEROSPACE	
TITLE	
WRENCH	
DWG NO. RB PWC30114-5-1	
REV 1	
MATERIAL STEEL	
HEAT	
TREAT	
FINISH SEE WELDMENT	
SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
PRATT & WHITNEY	
SCALE	2:1
DATE	2/16/2015
SHEET 2 OF 3	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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(-3)

SQUARE DRIVE

DART AEROSPACE	
TITLE	
WRENCH	
DWG NO. RB PWC30114-5-3	
REV 1	
MAT'L 1018/1020	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY USED ON MODEL	
APPROVED: GILBERT PRATT & WHITNEY	
SCALE 2:1	DATE 2/16/2015
SHEET 3 OF 3	